

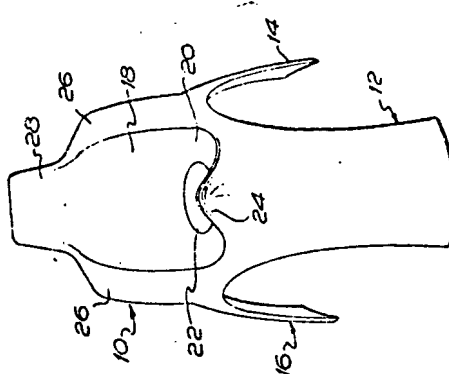
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Toilet aid for invalids - comprises integral moulded chair with seat
aperture positioned over wc, with moulded knob on seat to prevent
snap action of legs

CROSSLAND PLAST LTD 08.06.76-GB-023529

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The toilet aid provides a seat over a toilet for a child or
invalid when passing water or excretion. The aid is a



one-piece moulding in
glass reinforced
plastics material.

The aid has a chair
portion (10) with two
side legs (14, 16) and
one front leg (12) to
slide over the toilet.

The chair portion
has a seat and a back-
rest portion, the lat-
ter having a headrest
(28) and side shoulder
supports (26). The
seat portion has a

waste material passage (22) and a moulded pommel (24)
to prevent scissor spasm. The rear of the backrest is
open. 8.6.77 (3pp1375)

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(54) TOILET AID

(71) We, CROSSLAND PLASTICS LIMITED, a British Company, of Sandbeds Trading Estate, Ossett, West Yorkshire WF5 9ND, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

10 This invention concerns an aid to assist invalids in passing water or human excretion.

15 Toilet aids are useful for supporting invalids whilst using a water closet, but the aid provided heretofore have in general been bulky and inconvenient. The present invention seeks to provide a new form of toilet aid for invalids which does not suffer from the aforesaid disadvantages.

20 According to the invention there is provided a toilet aid for invalids which is positionable manually over a W.C. and which comprises a moulded chair portion, having leg means, a seat and a backrest which are integrally moulded, said seat having a waste passage aperture, whereby a user of the aid can use the W.C. through the waste passage aperture.

30 The leg means may comprise a web or sheet material which also defines the chair portion, with parts cut away to define individual legs, and an opening at the rear enabling the aid to be pushed to a position overlying the W.C. The aid preferably is a one piece moulding of synthetic plastics material, such material preferably being glass fibre reinforced resin which is rigid and strong.

40 The backrest may be provided with an integral headrest.

The aid preferably is such that it can be placed into position in relation to the W.C. without having to be raised above the top of the W.C.

45 By making the seat and backrest of moulded material, it is easier to provide a comfortable and effective support for a user of the aid and where the aid is in glass reinforced plastics material it can be made rela-

tively light so that it can be moved from place to place easily by one person, male or female.

55 An embodiment of the present invention will now be described, by way of example, with reference to the accompanying drawings, wherein:—

Fig. 1 is a front perspective view of the aid according to the embodiment;

Fig. 2 is a rear view of the aid of Fig. 1; and

Fig. 3 is a side view of the aid, showing it in operative position in relation to a W.C.

Referring to the drawing, the toilet aid illustrated is a one piece moulding in glass reinforced plastics material, and defines a chair portion 10 which is supported by leg means in the form of three legs 12, 14 and 16 with leg 12 being a front leg, and the legs 14 and 16 being side legs.

70 The legs 12, 14 and 16 are of course integral with the chair portion 10 which in turn defines a backrest 18 and a seat 20. The seat has a waste material passage 22 and a moulded pommel 24, to prevent scissor spasm. The backrest 18 has a forwardly extending shoulder supports 26 and an integral headrest 28.

80 As it is moulded in glass reinforced plastics, the aid is sufficiently strong and robust to support the weight of an average adult, although it is probable that the device will find more use for children. Furthermore, the aid is extremely light in weight, such that it can be manoeuvred and moved easily by one person, male or female.

85 Fig. 2 shows a rear view of the aid shown in Fig. 1, and it will be seen that the back of the aid essentially is open, and the plastics material is essentially of uniform thickness throughout the aid. Because the aid is opened, it can easily be positioned in relation to a W.C. as indicated clearly in Fig. 3 for use by invalids by pushing the aid along the floor. In Fig. 3 the W.C. is illustrated by numeral 28'. 95

It will be appreciated that the design may be modified without departing from the scope of the invention as defined in the

5 appended claims. For example, the leg means could be defined by a continuous wall joining up the legs 12, 14 and 16, and the contours and shapes of the shoulders and headrest could be varied as desired for function or for aesthetic reasons, and the toilet aid may be moulded in any colour.

WHAT WE CLAIM IS: —

10 1. A toilet aid for invalids which is positionable manually over a W.C. and which comprises a moulded chair portion, having leg means, a seat and a backrest which are integrally moulded, said seat having a waste
15 passage aperture, whereby a user of the aid can use the W.C. through the waste passage aperture.

20 2. A toilet aid according to Claim 1, wherein the leg means comprises three legs defined by moulded web or sheet material which also defines the chair portion.

3. A toilet aid according to Claim 1, 2 or 3 wherein the aid is a one-piece-moulding of glass fibre reinforced synthetic plastics material.

4. A toilet aid according to any preceding claim wherein the backrest is provided with shoulder supports.

5. A toilet aid according to any preceding claim wherein the seat is provided with a pommel to prevent scissor spasm.

6. A toilet aid according to any preceding claim including a headrest integral with the backrest.

7. A toilet aid substantially as hereinbefore described with reference to the accompanying drawings.

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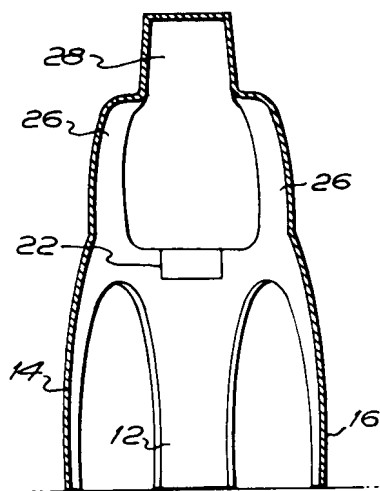
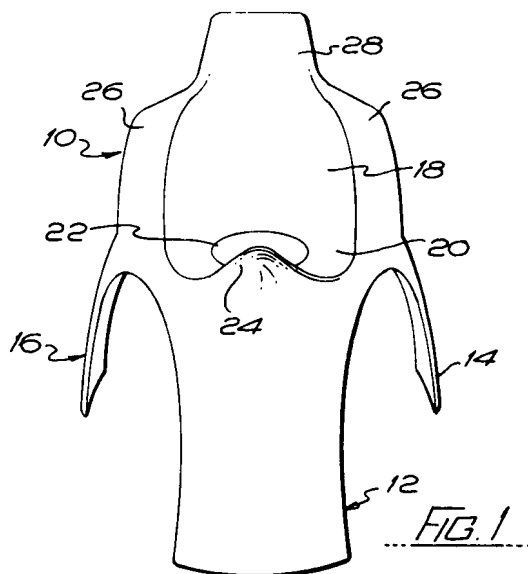


FIG. 2

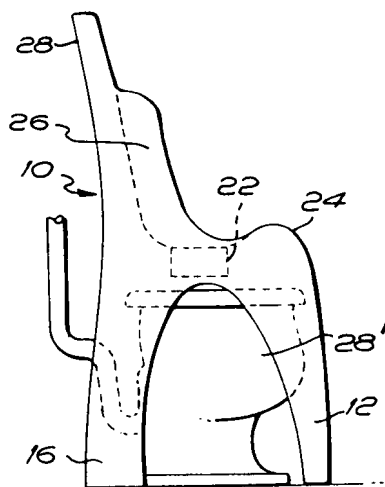


FIG. 3